

SAFETY DATA SHEET

Product Name: Industrial Thinners

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY UNDERTAKING

Company Name: AES Industrial Supplies Address: Telephone: 01235 510717
Unit 2 Fax: 01235 818610
Olympic House Emergency Tel: 01235 510717
Southmead Park E-Mail: orders@aes-sales.com
Didcot
OX11 7WB

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	Classification	% Range	Cas-No.	EC-No.
Xylene	R10; Xn; R20/21; Xi; R38	80-95%	1330-20-7	202-849-4
Ethylbenzene	F; R11; Xn; R20	5-20%	100-41-4	215-535-7

* Occupational Exposure Limit(s), if available, are listed in Section 8.

3. HAZARD IDENTIFICATION

Physical / Chemical Hazards: Flammable.
Human Health Hazards: Harmful by inhalation.
Irritating to skin.

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air, keep warm and rest. If breathing has ceased or is failing, apply artificial respiration. Seek medical attention immediately.

Skin Contact: Remove contaminated clothing and shoes. Wash the affected area with soap and water. Before re-use, contaminated clothing should be washed.

Eye Contact: Irrigate eyes immediately with copious amounts of water for at least 15 minutes. If irritation persists obtain medical attention.

Ingestion: Do **NOT** induce vomiting. Obtain medical attention immediately.

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media: Foam, carbon dioxide, dry chemicals or sand.
Keep containers cool by spraying with water.
- Unsuitable Extinguishing Media: Do not use water jets.
- Special Exposure Hazards: This product may give rise to hazardous fumes in a fire. Vapours can travel a considerable distance to a source of ignition and flashback. The vapours are heavier than air and will collect in workpits and cellars, creating a fire and respiratory hazard. May form explosive mixtures with air.
- Special Protective Equipment: Wear chemical suit and self contained breathing apparatus.
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6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions: Splash goggles; protective overalls/suit; vapour respirator; boots & gloves. If there is significant airborne concentration then suitable breathing apparatus should be used to avoid inhalation of the product. Select appropriate protective clothing for the size of the spillage.
- Environmental Precautions: Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Dispose of according to local regulations.
- Try to prevent the material from entering drains or water courses. Advise authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.
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7. HANDLING AND STORAGE

- Handling: Keep away from heat.
Remove ignition sources.
Ground all equipment containing material.
Do not ingest.
Do not breathe gas/fumes/vapours/spray.
Wear suitable protective clothing.
If ingested, seek medical advice immediately and show the container or the label.
Keep away from incompatibilities such as oxidising agents & alkalis.
- Storage: Store in a segregated and approved area.
Keep container in a cool, well-ventilated area.
Keep container tightly closed and sealed until ready for use.
Avoid all possible sources of ignition (spark or flame)
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8. EXPOSURE CONTROLS

Engineering Measures:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations are close to the workstation location.
Hygiene Measures:	Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of the day.
UK Exposure Limit:	Ethylbenzene OEL: 441 mg/m ³ Period 8 hours / STEL: 552 mg/m ³ Xylene STEL: 100ppm / 50ppm
Respiratory System:	Respiratory protection if there is a risk of uncontrolled exposure to vapour.
Skin & Body:	Overalls or Lab coat
Hands & Eyes:	Full length gloves must be worn during all handling operations. Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State & Colour	Liquid. Clear/Colourless	Auto Ignition	480°C
Odour	Aromatic	Lower Explosion Limit	Lower 1% / Upper 9%
Boiling point / Range	137 - 143°C	Vapour Density	3.7 (Air = 1)
Melting Point	-24°C	Solubility	Insoluble in cold water
Flash Point	25°C	Specific Gravity	0.86 g/cm ³ @ 20°C

10. STABILITY & REACTIVITY

Stability:	The product is stable
Conditions to Avoid:	Air sensitive. Avoid all possible sources of ignition (spark or flame). Keep away from heat.
Materials to Avoid:	Strong acids. Oxidising agents; halogens and molten sulphur.
Hazardous Decomposition Products:	Carbon Oxides (CO; CO ₂)

11. TOXICOLOGICAL INFORMATION

Skin Irritation:	Hazardous in case of skin contact (irritation)
Acute Toxicity:	Acute oral toxicity (LD ₅₀): 4300 mg/kg [Rat].

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not Available
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13. DISPOSAL CONSIDERATIONS

Any method of disposal must conform to any national or regional regulations that may be in force.

Used or contaminated product must be disposed of via an approved waste disposal/recycling contractor such as Absolute Solvents Ltd who are an approved recovery site (Authorisation No. BC0502) and a Registered Carrier of Waste (ENW/030405).

May be incinerated.

14. TRANSPORT INFORMATION

UN No.	1307
Hazard Warning Sign	Flammable Liquid
Emergency Action Code	31(c)
Class	3.3
Packing Group	III

15. REGULATORY INFORMATION

Hazard Symbol(s):



Classification:

Harmful

Risk Phrases:

R10 Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R38 Irritating to skin.

Safety Phrases

S25 Avoid contact with eyes.

Contains:

Xylenes

Product Use:

Consumer Applications.

16. OTHER INFORMATION

The data contained in this safety data sheet has been supplied as required by the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994, as amended, for the purpose of protecting the health and safety of industrial and commercial users, who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.
